Amendment to the Specification

Please implement the following changes in paragraph [0006]:

[0006] In this query, time and geography are dimensions of the underlying database while sales [[in]] is a measure. Conventional OLAP databases return a data set that does not include any calculated members that are within the range of the data set.

Please implement the following changes in paragraph [0030]:

[0030] OLAP Server 260 maintains and/or provides OLAP services to one or more clients, such as OLAP client 205. In one embodiment of the invention, the OLAP server 260 is a version of the SQL Server OLAP Services product from Microsoft Corporation. However, the invention is not limited to any particular OLAP server product, as those of skill in the art will appreciate. Administrative interface 250 is an application that provides a user interface for configuring and defining entities and attributes in OLAP server 260. For example, administrative interface 250 provides an interface for selecting the dimensions, levels, and measures for data cubes.

Please implement the following changes in paragraph [0044]:

[0044] In block 406 OLAP server 260 identifies any calculated member within database 235 that falls within at least one of the maximal hierarchical contexts (sub-hierarchies) identified in block 404. Any identified calculated member within such context is added to the output data set in block 408. For example, if the input data set includes Mexico of FIG. 3 then the calculated member Advanced America is added to the output data set because Advanced America falls within the hierarchical context of Mexico. Once the output data set is generated, OLAP server 260 returns the outputs set (block 410) and processes the

query according to the members of within the output data set. For example, as described

above, Table 4 represents results returned by OLAP server ~~206~~ 260 for such a query having

the inventive AddCalculatedMember extensions in which the calculated member Advanced

America is automatically included in the resultant data.